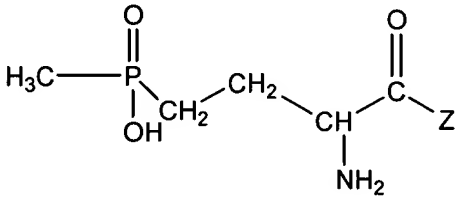
In the claims:

1-20. Cancelled.

21. (Currently amended) A method for controlling harmful plants in sugar beet crops which comprises applying to the crops, seeds, plants, plant organs or area under cultivation a synergistically effective amount of a combination of

A) one or more broad-spectrum herbicide selected from the group consisting of

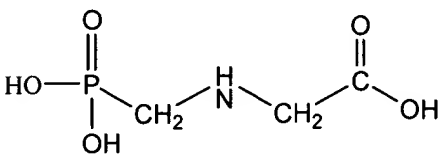
A1) compounds of the formula (A1)



(A1)

in which Z is a radical of the formula -OH or a peptide residue of the formula -NHCH(CH_3)CONHCH(CH_3)COOH or -NHCH(CH_3)CONHCH[$CH_2CH(CH_3)_2$]COOH, or its esters or salts, or other phosphinothricin derivatives,

A2) compounds of the formula (A2) or their esters or salts,



(A2)

~~A3) imidazolinones or their salts~~

and

B) one or more herbicidal compounds selected from the group consisting of

B1) ethofumesate, chloridazon, triflusulfuron or its esters, or metamitron,

B2) desmedipham, phenmedipham, quinmerac, clopyralid or salts of these compounds,

B3) quizalofop-P, quizalofop, fenoxaprop-P fenoxaprop, fluazifop-P, fluazifop, haloxyfop, haloxyfop-P, cyhalofop, the salts or esters of the last-mentioned nine compounds, clodinafop or its esters, or propaquizafop, and

B4) sethoxydim, cycloxydim or clethodim

and optionally, a safener

whereby, the sugar beet crops tolerate the broad spectrum herbicides (A) and the herbicidal compounds (B) with the exception of combinations wherein

a) compound (A1) is in combination with the compound propaquizafop or clodinafop or its esters.

b) compound (A2) is in combination with the compound propaquizafop, clodinafop or its esters, triflusulfuron or its esters, metamitron, chloridazon or clopyralid or its salts.

22. (Previously presented). The method as claimed in claim 21, wherein the broad spectrum herbicide is glufosinate-ammonium.

23. (Previously presented) The method as claimed in claim 21, wherein the broad spectrum herbicide is glyphosate-isopropyl ammonium.

24. (Previously presented) The method as claimed in claim 21, wherein herbicidal compounds (B) are selected from the group consisting of

B1) ethofumesate,

B2) desmedipham, phenmedipham, quinmerac or their salts,

B3) fenoxaprop-P, fenoxaprop, fluazifop-P, fluazifop, haloxyfop, haloxyfop-P, cyhalofop, or the salts or esters of the last-mentioned seven compounds, and

B4) sethoxydim, cycloxydim or clethodim.

25. (Previously presented) The method as claimed in claim 21, wherein the combination further comprises active ingredients used in crop protection.

26. (Previously presented) The method as claimed in claim 21, wherein the combinations are applied jointly with auxiliaries conventionally used in crop protection and/or formulation auxiliaries.

27. (Previously presented) The method as claimed in claim 21, wherein the combination is applied pre-emergently and the compounds comprising the combination are applied jointly or separately.

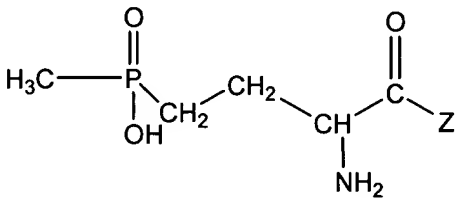
28. (Previously presented) The method as claimed in claim 21, wherein the combination is applied post-emergently. The compounds comprising the combination are applied jointly or separately.

29. (Previously presented) The method as claimed in claim 21, wherein the combination is applied both pre-emergently and post-emergently.

30. (Currently amended) A herbicidal composition which comprises a combination comprising

A) one or more broad-spectrum herbicide selected from the group consisting of

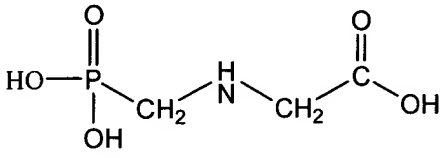
A1) compounds of the formula (A1)



(A1)

in which z is a radical of the formula -OH or a peptide residue of the formula -NHCH(CH_3)CONHCH(CH_3)COOH or -NHCH (CH_3)CONHCH[$CH_2CH(CH_3)_2$]COOH, or its esters or salts, or other phosphinothricin derivatives,

A2) compounds of the formula (A2) or their esters or salts,



(A2)

~~A3) imidazolinones or their salts~~

and

B) one or more herbicidal compounds selected from the group consisting of

B1') ethofumesate, chloridazon, triflusulfuron or metamitron,

B2') desmedipham, phenmedipham, quinmerac, clopyralid,

B3') quizalofop-P, fenoxaprop-P, fluazifop-P, haloxyfop, haloxy-P, and cyhalofop, or the salts or esters of these compounds, and

B4') sethoxydim, cycloxydim or clethodim

and, optionally, additives and/or formulation aids conventionally used in crop protection with the exception of herbicidal compositions wherein compound (A2) in combination with the compound triflusulfuron or its esters, metamitron, chloridazon, quizalofop-P, flauzifop-P, sethoxydim, clethodim, chlopyralid or its salts.

31. (Previously presented) A herbicidal composition according to claim 30, wherein the herbicidal compound (B) is selected from the group consisting of

B1') ethofumesate,

B2') desmedipham, phenmedipham, or quinmerac,

B3') fenoxaprop-P, fluazifop-P, haloxyfop, haloxy-P, cyhalofop, or the esters or salts of these compounds

B4') sethoxydim, cycloxydim or clethodim.

32. (Previously presented) A herbicidal composition which comprises a combination comprising

A) glufosinate-ammonium

and

B) at least one herbicidal compound (B) which is selected from the group consisting of

B1') ethofumesate, chloridazon, triflusulfuron or its esters, or metamitron,

B2') desmedipham, phenmedipham, quinmerac, clopyralid or salts of these compounds,

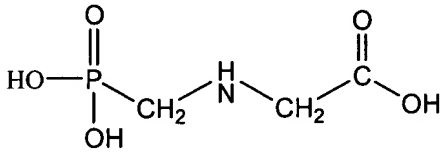
B3') fenoxaprop-P, fluazifop-P, haloxyfop, haloxy-P, cyhalofop, or the esters or salts of these compounds

B4') sethoxydim, cycloxydim or clethodim and, optionally, additives and/or formulation aids conventionally used in crop protection.

33. (Previously presented) A herbicidal composition which comprises a composition comprising a combination comprising

A) at least one broad-spectrum herbicide compound selected from the group consisting of

A2) compounds of the formula A2) or their esters or salts,



(A2)

and

B) at least on herbicidal compound selected from the group consisting of

B1') ethofumesate or chloridazon, and

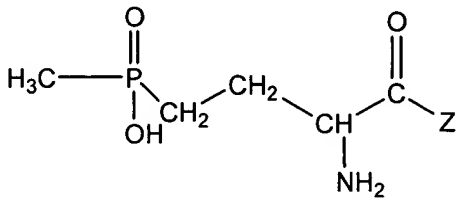
B2') desmedipham, phenmedipham, quinmerac, or the salts of these compounds

and, optionally, additives and/or formulation aids conventionally used in crop protection.

34. (Currently amended) A herbicidal composition which comprises a composition comprising a combination comprising

A) at least one broad spectrum herbicide compound selected from the group consisting of

A1') compounds of the formula (A1)



(A1)

in which Z is a radical of the formula -OH or a peptide residue of the formula -NHCH(CH_3)CONHCH(CH_3)COOH or -NHCH(CH_3)CONHCH[$CH_2CH(CH_3)_2$]COOH, or its esters or salts, or other phosphinothricin derivatives,

~~A3') imidazolinones or their salts;~~ and

B) at least one herbicidal compound selected from the group consisting of

B1) ethofumesate, chloridazon, triflusulfuron or its esters, or metamitron, or

B2') desmedipham, phenmedipham, quinmerac, clopyralid or salts of these compounds

B3') quizalofop-P, quizalofop, fenoxaprop-P, fenoxaprop, fluazifop-P, fluazifop, haloxyfop, haloxy-P, cyhalofop, the salts or esters of the last-mentioned nine compounds, clodinafop or its esters, or propaquizafop, and

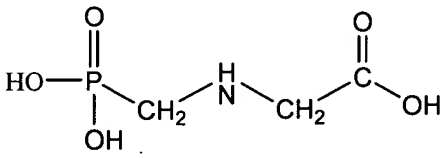
B4') sethoxydim, cycloxydim or clethodim

and optionally, additives and/or formulation aids conventionally used in crop protection, with the exception of compound (A1) in combination with propaquizafop or clodinafop or its esters.

35. (Previously amended) A herbicidal composition which comprises a composition which comprises a combination comprising

A) at least one broad spectrum herbicide compound selected from the group consisting of

A2) compound of the formula (A2) and their esters and salts,



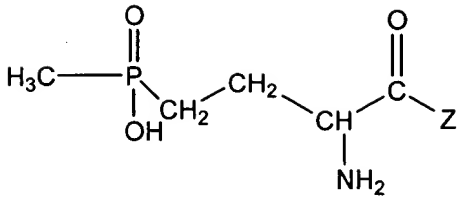
(A2)

B) at least one herbicidal compound selected from the group consisting of quizalofop, fenoxaprop-P, fenoxaprop, and fluzifop and, optionally, additives and/or formulation aids conventionally used in crop protection.

36. (Currently amended) A method for controlling harmful plants in sugar beet crops which comprises applying to the crops, plants, plant organs or area under cultivation asynergistically effective amount of a combination comprising

A) at least one broad spectrum herbicide compound selected from the group consisting of

A1) compounds of the formula (A1)



(A1)

in which Z is a radical of the formula -OH or a peptide residue of the formula -NHCH(CH_3)CONHCH(CH_3)COOH or -NHCH(CH_3)CONHCH[$CH_2CH(CH_3)_2$]COOH or its esters or salts, or other phosphinothricin derivatives,

~~A3) imidazolinones or their salts;~~

and

b) at least one herbicidal compound selected from the group consisting of

B1) ethofumesate, chloridazon, triflusulfuron or its esters, or metamitron, or

B2') desmedipham, phenmedipham, quinmerac, clopyralid or salts of these compounds

B3') quizalofop-P, quizalofop, fenoxap-P, fenoxaprop, fluazifop-P, fluazifop, haloxyfop, haloxy-P, cyhalofop, the salts or esters of the last-mentioned nine compounds, clodinafop or its esters, or propaquizafop, and

B4') sethoxydim, cycloxydim or clethodim

and optionally, a safener,

whereby the sugar beet crops tolerate the broad-spectrum herbicide (A) and the herbicidal compounds (B), with the exception of

compound (A1) in combination with propaquizafop or clodinafop or its esters.

37. (Previously presented). The method as claimed in claim 36 wherein the broad-spectrum herbicide is glufosinate-ammonium.

38. (Previously presented) The method as claimed in claim 36 wherein the herbicidal compounds (B) are selected from the group consisting of

B1) ethofumesate,

B2) desmedipham, phenmedipham, quinmerac, or their salts,

B3) fenoxaprop-P, fenoxaprop, fluazifop-P, fluazifop, haloxyfop, haloxyfop-P, cyhalofop, or their salts or esters of these last-mentioned seven compounds,

and

B4) sethoxydim, cycloxydim or clethodim.

39. (Previously presented) The method as claimed in claim 36 wherein the combination further comprises active ingredients used in crop protection.

40. (Previously presented) The method as claimed in claim 36 wherein the combination is applied jointly with auxiliaries conventionally used in crop protection and/or formulation auxiliaries.

41. (Previously presented) The method according to claim 36, wherein the combination is applied pre-emergently and the compounds comprising the combination are applied jointly or separately.

42. (Previously presented) The method according claim 36, wherein the combination is applied post-emergently and the compounds comprising the combination are applied jointly or separately.

43. (Previously presented) The method according to claim 36, wherein the combination is applied both pre-emergently and post-emergently.

44. (Previously presented) A method for controlling harmful plants in sugar beet crops which comprises applying to the crops, seeds, plants, plant organs or area under cultivation a herbicidal composition according to claim 32, whereby the sugar beet crops tolerate the broad-spectrum herbicide (A) and the herbicidal compounds (B).

45. (Previously presented) A method for controlling harmful plants in sugar beet crops which comprises applying to the crops, seeds, plants, plant organs or area under cultivation a herbicidal composition according to claim 33, whereby the sugar beet crops tolerate the broad-spectrum herbicide (A) and the herbicidal compounds (B).

46. (Previously presented) A method for controlling harmful plants in sugar beet crops which comprises applying to the crops, seeds, plants, plant organs or area under cultivation a herbicidal composition according to claim 34, whereby the sugar beet crops tolerate the broad-spectrum herbicide (A) and the herbicidal compounds (B).

47. (Previously presented) A method for controlling harmful plants in sugar beet crops which comprises applying to the crops, seeds, plants, plant organs or area under cultivation

a herbicidal composition according to claim 35, whereby the sugar beet crops tolerate the broad-spectrum herbicide (A) and the herbicidal compounds (B).